



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Assistant Commissioner for Patents
Washington, D.C. 20231

on November 14/2002.
Date

Signature

SUSAN L. DURKEE

Type or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

09/854,731
BB1171 USDIV
TRANSMITTAL OF FORMAL DRAWINGS
FORMAL DRAWINGS - 7 SHEETS
RETURN RECEIPT CARD
AMENDMENT AND RESPONSE - 12 PAGES
FORM - PTO-1449 - 1 PAGE
PETITION FOR EXTENSION OF TIME
FEE TRANSMITTAL SHEET
37 CFR 1.825(a) - AMENDMENT TO SEQUENCE LISTING - 2 PAGES
STATEMENT UNDER 37 CFR 1.825(a) AND 1.825(b)
SEQUENCE LISTING - 29 PAGES
SEQUENCE DISKETTE - CRF

RECEIVED

NOV 22 2002

TECH CENTER 1600/29C



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

STEPHEN M. ALLEN

APPLN. NO.: 09/854,731

FILED: MAY 14, 2001

FOR: PLANT PROTEIN KINASES

CASE NO.: BB1171 USDIV

GROUP ART UNIT: 1652

EXAMINER: M. MONSHIPOURI

CONFIRMATION NO.: 1564

STATEMENT UNDER 37 C.F.R. 1.825(a) and 1.825(b)

The submission of the substitute Sequence Listing filed concurrently herewith does not include new matter.

The copy of the substitute Sequence Listing in computer readable form filed concurrently herewith is the same as the paper copy of the substitute Sequence Listing filed concurrently herewith.

Respectfully submitted,

J. KENNETH JOUNG
Attorney For Applicants
Registration No. 41,881
Telephone: 302-992-4929
Facsimile: 302-892-1026

Dated: 14 November 2002

RECEIVED
NOV 22 2002
TECH CENTER 1600/2900



PATENT

11/26/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:
STEPHEN M. ALLEN ET AL.

CASE NO.: BB1171 USDIV

APPLICATION NO.: 09/854,731

CONFIRMATION NO.: 1564

GROUP ART UNIT: 1652

EXAMINER: MARYAM MONSHIPOURI

FILED: MAY 14, 2001

FOR: PLANT PROTEIN KINASES

TRANSMITTAL OF FORMAL DRAWINGS

Assistant Commissioner for Patents
Washington, D.C. 20231

Attention: Drawing Review Branch

Sir:

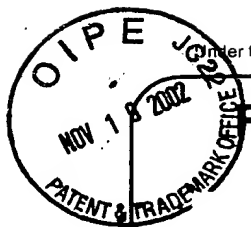
Transmitted herewith are formal drawings to be substituted for the informal drawings now on file in the above-referenced application.

Respectfully submitted,

J. KENNETH JOUNG
ATTORNEY FOR APPLICANTS
REGISTRATION NO. 41,881
TELEPHONE: (302) 992-4929
FACSIMILE: (302) 892-1026

Dated: 14 November 2002

RECEIVED
NOV 22 2002
TECH CENTER 1600/2900



FEE TRANSMITTAL for FY 2002 <i>Patent fees are subject to annual revision.</i>		Complete if Known	
<input type="checkbox"/> Applicant Claims small entity status. See 37 CFR 1.27		Application Number	09/854,731
TOTAL AMOUNT OF PAYMENT (\$) 920		Filing Date	MAY 14, 2001
		First Named Inventor	STEPHEN M. ALLEN
		Examiner Name	M. MONSHIPOURI
		Group / Art Unit	1652
		Attorney Docket No.	BB1171 USDIV

RECEIVED

NOV 22 2002

TECH CENTER 1600/2900

METHOD OF PAYMENT (check all that apply) <input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 04-1928 Deposit Account Name: E. I. du Pont de Nemours and Company The Commissioner is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account		FEE CALCULATION (continued) 3. ADDITIONAL FEES <table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td>920</td></tr><tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr><tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr><tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr><tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr><tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr><tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="6">Other fee (specify) _____</td></tr><tr><td colspan="5">Reduced by Basic Filing Fee Paid</td><td>SUBTOTAL (3) (\$) 920</td></tr></tbody></table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	920	217	460	Extension for reply within third month	920	118	1,440	218	720	Extension for reply within fourth month		128	1,960	228	980	Extension for reply within fifth month		119	320	219	160	Notice of Appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,280	241	640	Petition to revive - unintentional		142	1,280	242	640	Utility issue fee (or reissue)		143	460	243	230	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee under 37 CFR 1.17(q)		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))		179	740	279	370	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____						Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$) 920
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																												
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																														
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																													
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																													
139	130	139	130	Non-English specification																																																																																																																																																																																													
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																													
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																													
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																													
115	110	215	55	Extension for reply within first month																																																																																																																																																																																													
116	400	216	200	Extension for reply within second month																																																																																																																																																																																													
117	920	217	460	Extension for reply within third month	920																																																																																																																																																																																												
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																																													
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																																																													
119	320	219	160	Notice of Appeal																																																																																																																																																																																													
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																																													
121	280	221	140	Request for oral hearing																																																																																																																																																																																													
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																													
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																													
141	1,280	241	640	Petition to revive - unintentional																																																																																																																																																																																													
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																																													
143	460	243	230	Design issue fee																																																																																																																																																																																													
144	620	244	310	Plant issue fee																																																																																																																																																																																													
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																													
123	50	123	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																													
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																													
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																													
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																													
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																													
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																																																													
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																													
Other fee (specify) _____																																																																																																																																																																																																	
Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$) 920																																																																																																																																																																																												
1. BASIC FILING FEE <table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>101</td><td>740</td><td>201</td><td>370</td><td>Utility filing fee</td><td>0</td></tr><tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr><tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td><td></td></tr><tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td><td></td></tr><tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5">SUBTOTAL (1)</td><td>(\$ 0)</td></tr></tbody></table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	101	740	201	370	Utility filing fee	0	106	330	206	165	Design filing fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee		SUBTOTAL (1)					(\$ 0)	2. EXTRA CLAIM FEES <table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>109</td><td>84</td><td>209</td><td>42</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="5">SUBTOTAL (2)</td><td>(\$ 0)</td></tr></tbody></table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	103	18	203	9	Claims in excess of 20		102	84	202	42	Independent claims in excess of 3		104	280	204	140	Multiple dependent claim, if not paid		109	84	209	42	** Reissue independent claims over original patent		110	18	210	9	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)					(\$ 0)																																																																																																		
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																												
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																														
101	740	201	370	Utility filing fee	0																																																																																																																																																																																												
106	330	206	165	Design filing fee																																																																																																																																																																																													
107	510	207	255	Plant filing fee																																																																																																																																																																																													
108	740	208	370	Reissue filing fee																																																																																																																																																																																													
114	160	214	80	Provisional filing fee																																																																																																																																																																																													
SUBTOTAL (1)					(\$ 0)																																																																																																																																																																																												
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																												
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																														
103	18	203	9	Claims in excess of 20																																																																																																																																																																																													
102	84	202	42	Independent claims in excess of 3																																																																																																																																																																																													
104	280	204	140	Multiple dependent claim, if not paid																																																																																																																																																																																													
109	84	209	42	** Reissue independent claims over original patent																																																																																																																																																																																													
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																													
SUBTOTAL (2)					(\$ 0)																																																																																																																																																																																												

*or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	J. KENNETH JOUNG	Registration No. Attorney/Agent	41,881
Signature		Telephone	302-992-4929
		Date	14 November 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.